

Water-resistant SBR bonding emulsion and mortar additives.

DEFINITION

Novo Bond SBR is a modified styrene butadiene rubber emulsion with milky white liquid. Novo Bond SBR designed to improve the quality of cementations mortars and slurries.

USE

Waterproof renders and cementations slurries. Producing and bonding concrete repair mortars Floor screeds. Producing adhesive mortar for slip bricks and ceramic tiles.

ADVANTAGES

- Producing high strength floor screeds.
- One component liquid easy to mix.
- Improving mechanical properties of cementations
- Repair & patching mortars such as compressive, tensile and flexural strengths.
- Excellent bond to concrete, masonry, stonework, Plaster and block boards.

PROPERTIES @ 25 C°

DISCRIPTION	VALUE
Color	Milky Liquid
Density	(1.04 ± 0.02) kg / L
PH	8 - 9
Shelf life	12 months (under suitable storage conditions)

DIRECTIONS OF USE

DESIGN CRITERIA

The design system is as the following:

1. Substrate priming with **Novo Bond SBR** "slurry".
2. Application of **Novo Bond SBR** mortar wet on wet according to the different mixes.

MIXING

- Use a forced - action mixer to mix the mortar.
- Use a spiral puddle to mix the slurry.
- Refer to the different design mixes.

FINISHING

Novo Bond SBR can be finished with steel, plastic, wood or by damp sponge.

NOVOCHEM S.AE

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CURING

Use P.E. sheets for floor screeds to keep the dampness and use a thick coat of **Novo Bond SBR** to cure the repaired areas immediately after finishing.

DIFFERENT TYPES OF NOVO BOND SBR

MORTARS

There are different mixes of mortars according to the use Find below a table showing the different mixes and the uses.

	Mix (1)	Mix (2)	Mix (3)	Mix (4)
	Patching and repair mortar	Heavy duty floor screed	Render for water proofing	Bonding mortar for slip bricks and tiles
OPC Cement	50 Kg	50 kg	50 kg	50 kg
Sand	125 Kg	75 kg	150	125
Fine aggregate	--	75 Kg	--	--
Novo Bond SBR	8 lit	3-6 lit	10 lit	10 lit
Water	8-12 lit	8lit	8 lit	7 lit
Comp. Strength	45N/mm ²	8-12 lit	45n/mm ²	40n/mm ²
Min. thickness	6 mm	6 mm	6 mm	6 mm
Max. thickness	40 mm	40 mm	10 mm	40 mm

SUBSTRATE PRMTNG NOVO BOND SBR SLURRY

The components of the slurry are:

1. Volume of Novo Bond SBR.
2. Volume of clean water.
3. Volumes of fresh cement

Coverage about 4m²/ liter of Novo Bond SBR The surface to be primed by Novo Bond SBR must be clean, dust free and damped with water.

Apply the slurry by stiff brush.

STORAGE CONDITIONS

It is best stored at room temperature in dry conditions. Avoid humidity, cold freezing conditions and off concrete floors. Do not store in direct sunlight.

PACKING

Plastic Package: 20 liter & Gallon 4 liter.

PRECAUTIONS & SAFETY

Avoid direct contact with skin and eyes.

In case of contact with skin, rinse plenty of water.

In case of contact with eyes, rinse immediately with clean water and seek medical advice.

If swallowed, seek medical attention immediately.

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